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(19) **United States**(12) **Patent Application Publication****Porjo et al.**(10) **Pub. No.: US 2014/0363004 A1**(43) **Pub. Date: Dec. 11, 2014**(54) **HEADSET APPARATUS REGISTERING
MOVEMENT IN THE HOUSING**(75) Inventors: **Niko Santeri Porjo**, Kaarina (FI); **Jakke
Sakari Makela**, Turku (FI)(73) Assignee: **Nokia Corporation**, Espoo (FI)(21) Appl. No.: **14/349,053**(22) PCT Filed: **Oct. 5, 2011**(86) PCT No.: **PCT/IB2011/054394**

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(57)

ABSTRACT

An apparatus comprising: a housing containing a speaker for delivering sound waves; and a sensing element for detecting air movement in the housing and further providing a control signal based on the detected air movement. The control signal is sent to a host apparatus. A user interface operation dependent on the control signal is preformed, such as filtering, muting or amplifying an input audio signal to the speaker or switching off the host apparatus. The housing comprises compressible material such that when the compressible material is displaced air movement in the housing is detected by the sensing element.

